2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The curriculum is framed with the inputs and suggestions from various subject experts to provide experiential and participative learning. Student –centric learning is nurtured by providing an ICT enabled campus and IP enabled library facility which provides a platform for students to develop their contemporary skills and ethics to shape their behavior. Faculty employ teaching pedagogical techniques like Lecture with demonstration in laboratories, models/charts animation, Industrial visit, Simulation based training Collaborative learning and Brain storming.

Experiential Learning:

- State of art laboratories have been established for students to impart the experiential learning through Theory to Practice Lectures.
- Live in Lab has been included in the curriculum with 4 credits for the students to come up with an idea in first year, develop into a prototype in second year followed by proof of concept and finally a product.
- Students and staff are encouraged to participate in IIT PALS activities. Institution established e-learning facilities and resources like Swayam Prabha technology Virtual Lab, IIT – B spoken tutorial, NPTEL, Learning Management System, e-books and e-journals, digital library to improve their creative thinking in technical and research fields.
- The Institution has established industry powered centers like Center for Robotics – eYantra, Texas Instruments Innovation Lab, Academies like CISCO/oracle/AWS/salesforce/MicrosoftAzure/Data analytics/Red Hat Linux/TCS Bot Lab/, Oracle, CDAC IoT research lab,
- Research centers like Clean Energy Research center/ Biofuel research center, Material Research Centre, Functional Materials Research Lab, Sairam incubation center, AICTE idea Lab were established to train the students on emerging technologies. Field visits have been organized as an extension of theory beyond classroom teaching.

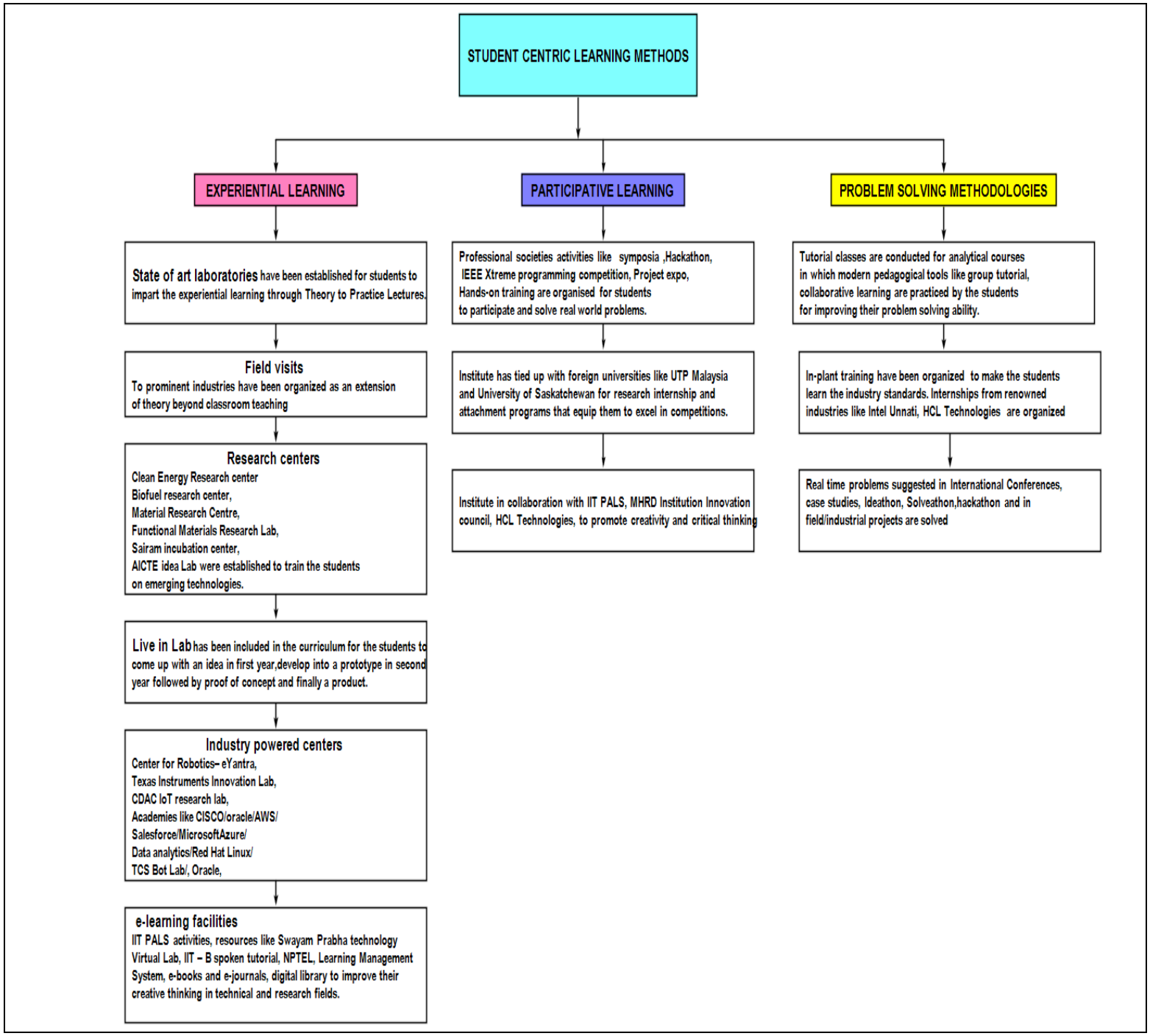
Participative Learning:

- The Institute in association with professional societies and chapters organize various activities like symposia Hackathon, IEEE Xtreme programming competition, Project expo, Hands-on training for students to participate and solve real world problems.
- Institute in collaboration with IIT PALS, MHRD Institution Innovation council, HCL Technologies, to promote creativity and critical thinking among students through active participation in webinars, project competitions, residential training organized by them.

- Institute tie up with foreign universities like UTP Malaysia and University of Saskatchewan for research internship and attachment programs that equip them to excel in global competitions.

Problem Solving Methodologies:

- Students are encouraged to find out the solutions for real time problems by participating in International Conferences, case studies, Ideathon, Solveathon, Inspiration,hackathon and field/industrial projects.
- Field visits, In-plant training have been organized to make the students learn the industry standards. Internships from renowned industries like Intel Unnati,
- Tutorial classes are conducted for analytical courses in which modern pedagogical tools like group tutorial, collaborative learning are practiced by the students for improving their problem solving ability.



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West Tambaram, Chennai-44.

SAIRAM DEFENCE INNOVATION ACTIVITIES

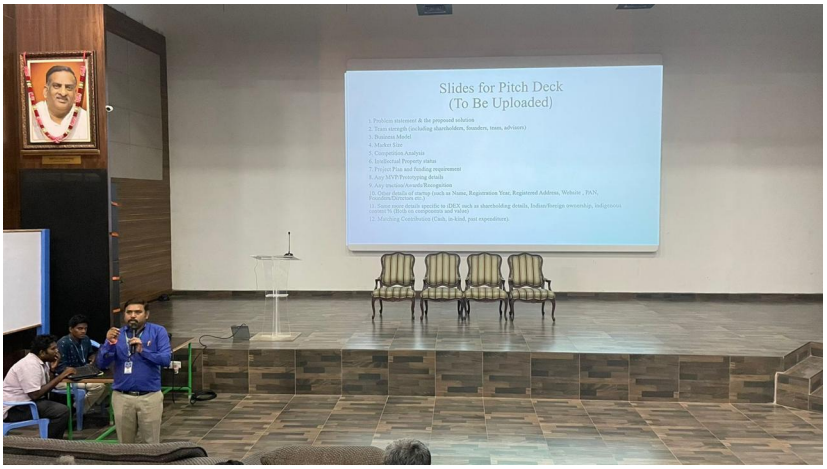
1. Pre talk on Insight of Sairam Defence Innovation and Startup Hackathon 1.0
Venue-VRR Hall,Sri Sairam Engineering College,Chennai
Date-07.05.2022(Saturday) Time-11am

APPLICATION PROCESS

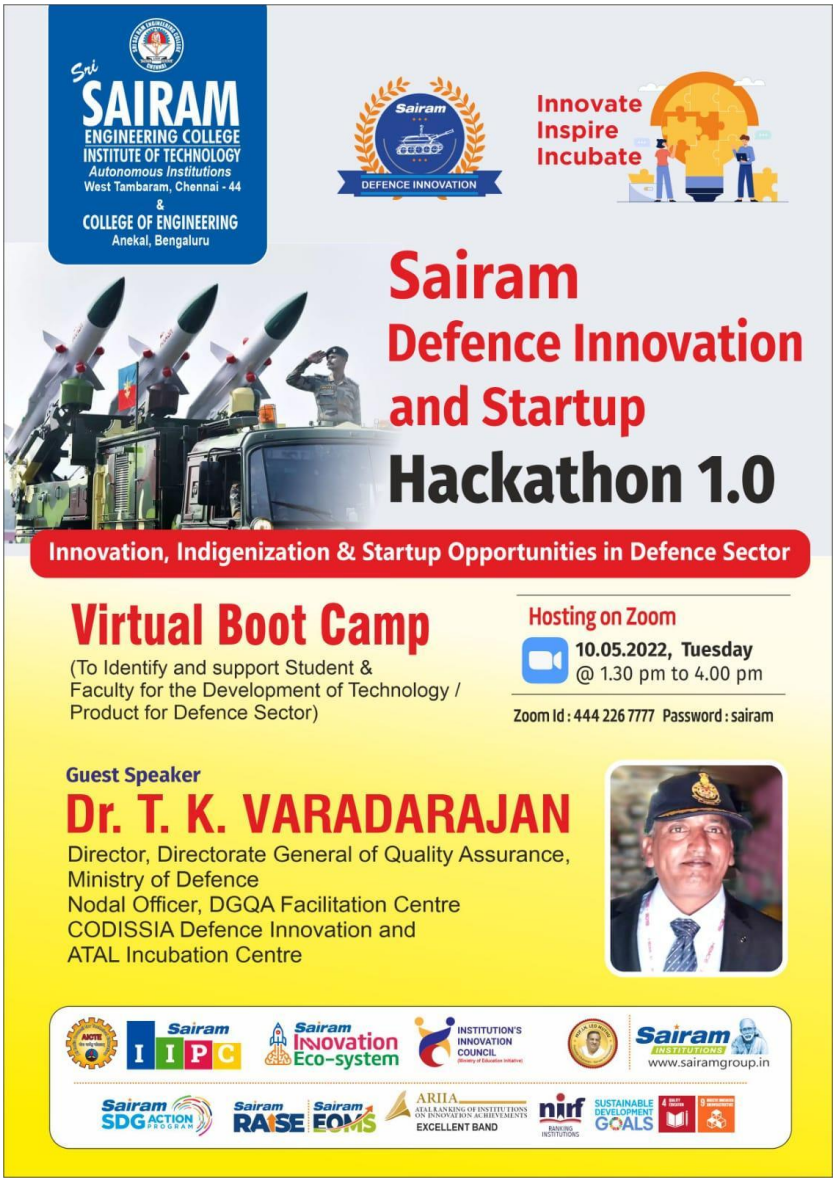
Sairam
Defence Innovation
and Startup
Hackathon 1.0
19th & 20th May 2022

Sairam
Defence Innovation
and Startup
Hackathon 1.0
19th & 20th May 2022

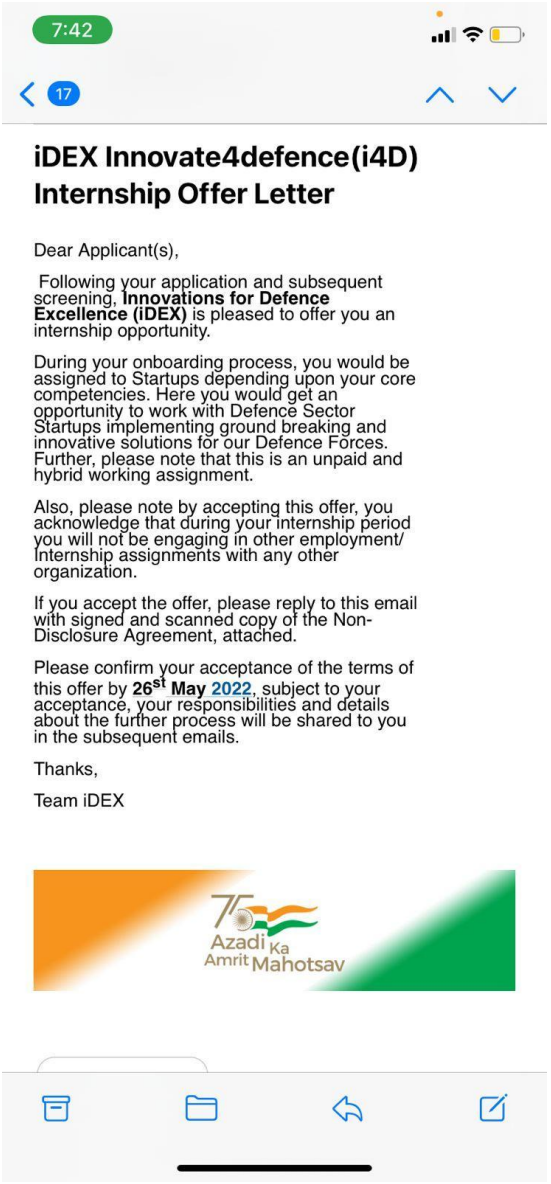
SAIRAM
Sairam
Defence Innovation
and Startup
Hackathon 1.0
19th & 20th May 2022


Slides for Pitch Deck
(To Be Uploaded)
1. Problem statement & the proposed solution
2. Team strength (including shareholders, founders, team, advisors)
3. Business Model
4. Market Size
5. Competition Analysis
6. Intellectual Property status
7. Project Plan and funding requirement
8. Any MVP/Prototyping details
9. Any traction/Awards/Recognition
10. Other details of startup (such as Name, Registration Year, Registered Address, Website , PAN, Founders/Directors etc.)
11. Some more details specific to iDEX such as shareholding details, Indian/foreign ownership, indigenous content % (Both on components and value)
12. Matching Contribution (Cash, in-kind, past expenditure).

2. Virtual Boot camp arranged for all the young innovators registered in the Sairam Defence Hackathon 1.0 with Dr.T.K.Varadarajan, Director,Ministry of Defence,CODISSIA Defence Innovation and ATAL Incubation Centre on May 10,2022 from 1.30pm to 4pm



3. Motivating students to apply for Defence internship Date-10.5.2022



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Sri SAIRAM ENGINEERING COLLEGE

An Autonomous Institution | *Affiliated to Anna University & Approved by AICTE, New Delhi*
Accredited by NBA and NAAC "A+" | *An ISO 9001:2015 Certified and MHRD NIRF ranked institution*
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in

MoEs Institution Innovation Council (IIC)
AICTE–Industry Institute Partnership Cell (IIPC)

iDEX Innovations for Defence Excellence

Ministry of Defence
Innovations for Defence Excellence (iDEX)
Innovate 4 Defence-Internship

Hearty Congratulations

to the following stduents for having got
INTERNSHIP OFFER
in the Prestigious Innovations for Defence Excellence (iDEX) Innovate 4 DEFENCE-INTERNSHIP

Hemanth M
II year / AI & DS

Sudharsan S C
II year / AI & DS

Divakar K
II year / AI & DS

Adhish S
II year / AI & DS

Shrinithi G R
II year / AI & DS

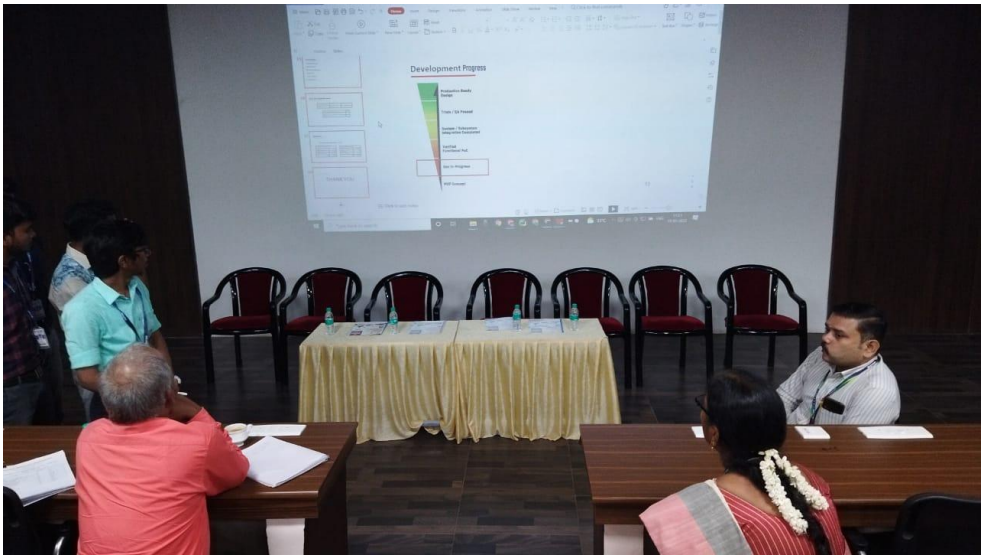
Jaiganesh P
II year / ECE

Dr. K. Porkumaran
Principal

Shri. Sai Prakash LeoMuthu
Chairman & CEO

Sairam RAISE | Sairam EOMS | ARIIA EXCELLENT BAND | nirf 109 RANK | INSTITUTION'S INNOVATION COUNCIL | SUSTAINABLE DEVELOPMENT GOALS | Sairam INSTITUTIONS

4. SAIRAM DEFENCE INNOVATION AND STARTUP HACKATHON 1.0 ON 19.5.2022 at Sairam Campus.



5. Arranging Expo Visit to students and Faculty mentors to the defence & technology expo at Chennai Trade Centre,Nandambakkam,27-05-2022.

6.The winners of Sairam Defence Innovation and startup hackathon 1.0 taken to the Outreach programme at CODISSIA ,Coimbatore on 30th May 2022.

About the event:
Address about Progress of CDIIC by Mr. V. Sundaram, Director, CDIIC
Address by Chief Guest & Guest of Honour Shri. Sanjay Jaju IAS, Additional Secretary (DP), Ministry of Defence, Govt. of India
Moderator: Dr. K. Suresh Kumar, Executive Director, PSG STEP, PSG College of Technology, Coimbatore and President, ISBA.

Panelists:
1. Thiru Hans Raj Verma IAS, Chairman and Managing Director, Tamil Nadu Industrial Investment Corporation (TIIC) Ltd. (Virtual)

2. Air Cmde KAA Sanjeeb VSM, Air Officer Commanding , 5 Base Repair Depot (5BRD), Sulur (Physical)

3. Dr. T.K. Varadarajan, Nodal Officer, DGQA Facilitation Cell, Coimbatore (Physical)

4. Cmd E. David, Officer Incharge, Aircraft & Engine Holding Unit (A & EHU), INS Agrani, Coimbatore (Physical)

5. Thiru. B. Krishnamoorthy IOFS, Project Director, Tamil Nadu Defence Industrial Corridor, Chennai (Virtual)

CODISSIA DEFENCE INNOVATION
AND ATAL INCUBATION CENTRE
RESERVED

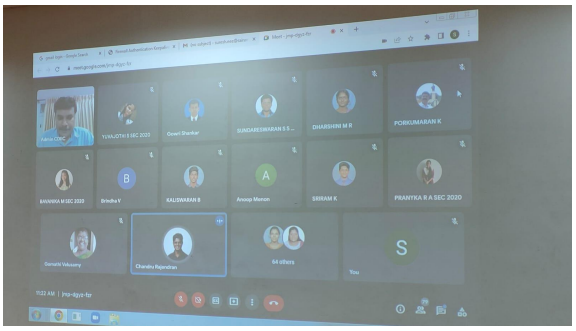
RESERVED

CODISSIA DEFENCE INNOVATION
AND ATAL INCUBATION CENTRE
Outreach Event for iDEX Defence India
Startup Challenge (DISC 6) & iDEX Prime
DISC 6
iDEX PRIME

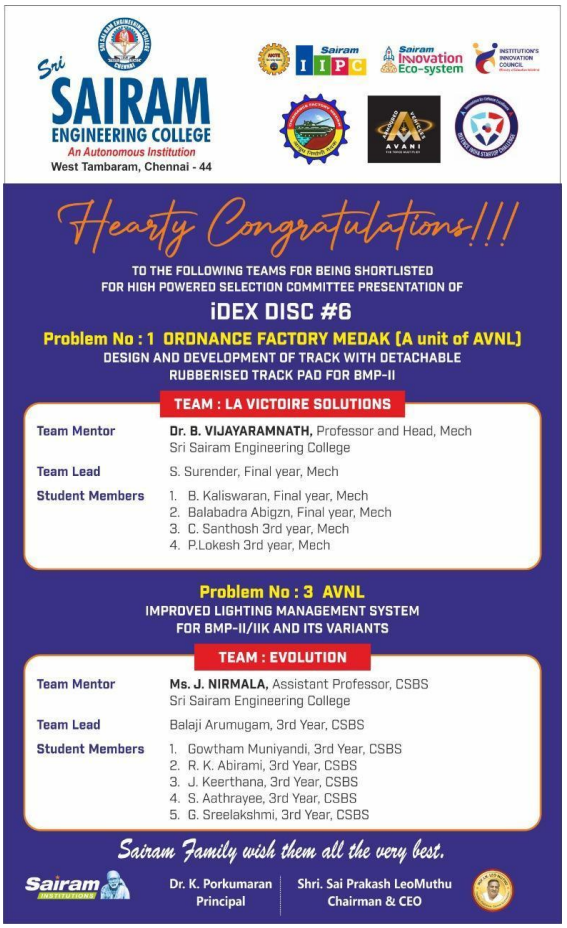
iDEX
CODISSIA DEFENCE INNOVATION
AND ATAL INCUBATION CENTRE
Outreach Event for iDEX Defence India
Startup Challenge (DISC 6) & iDEX Prime
DISC 6
iDEX PRIME

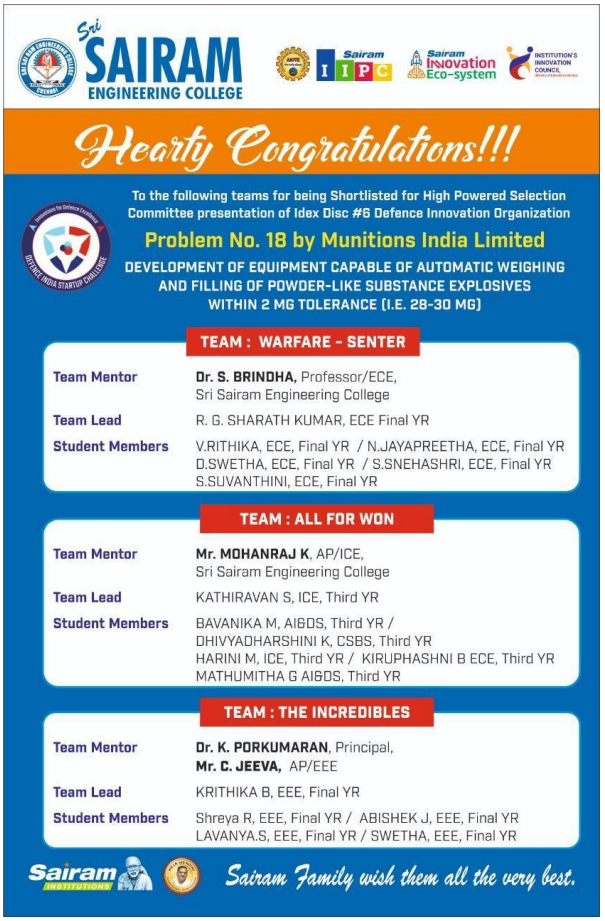
CODISSIA DEFENCE INNOVATION
AND ATAL INCUBATION CENTRE
Shot on OnePlus
5/30/22
4:04 PM

7. DISC 6 Pitch Training Session is being organised by the Ministry of Defence through Google meet (17-06-2022) Friday, timings 11.00am to 12.00 noon



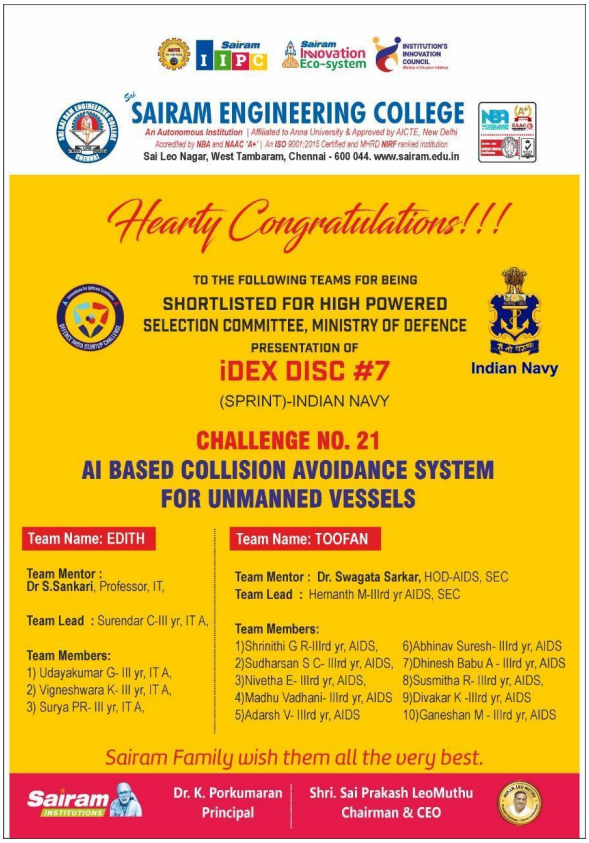
8. DISC 6 shortlisted teams who had their next high level presentation to HPSC , Ministry of Defence





9.Dr T. Varadharajan,Director,Directorate General of Quality assurance, Ministry of Defence had an interaction with the selected batches for DISC-6 challenge submission on 2.08.2022

10.DISC 7 SELECTED TEAMS FROM SAIRAM WHO MADE THEIR PRESENTATION TO HPSC,MINISTRY OF DEFENCE



11.DISC PRIME SELECTED TEAMS FROM SAIRAM WHO MADE THEIR PRESENTATION TO HPSC,MINISTRY OF DEFENCE

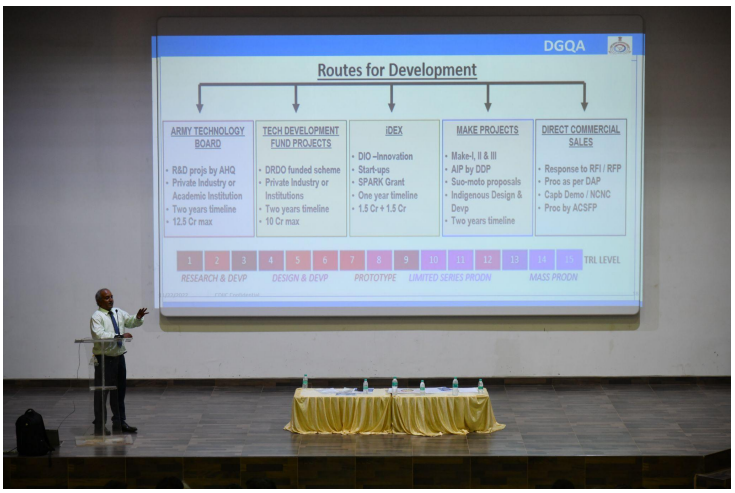
12.DISC 7 SPRINT INDIAN NAVY WINNERS ATTENDING DEFEXPO 2022 AT GANDHINAGAR AND THE TEAM WAS FELICITATED BY RAKSHA MANTRI SHRI.RAJNATH SINGH ON 19TH OCTOBER 2022.

13.SAIRAM INSTITUTIONS is planning to establish SAIRAM DEFENCE INNOVATION HUB to support the Ministry of Defence and the wider defence industry through a broad range of initiatives.

In this regard SAIRAM INSTITUTIONS are organising SAIRAM DEFENCE INDUSTRY CONNECT 1.0 under the theme INNOVATION AND INDIGENIZATION OPPORTUNITIES IN DEFENCE FOR MSMEs" on 22-11-2022, Tuesday which will pave a niche way in increasing connectivity and engagement between the Government, Academia and Industry.

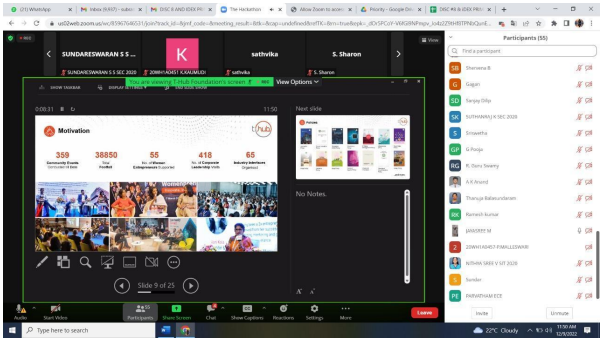
Dr.T. K. Varadarajan, Director, Directorate General of Quality Assurance (DGQA), Ministry of Defence will be the keynote speaker for the DEFENCE INDUSTRY CONNECT 1.0 and will be interacting all the Industry delegates (Timing: 10:00 am to 12:00 noon)

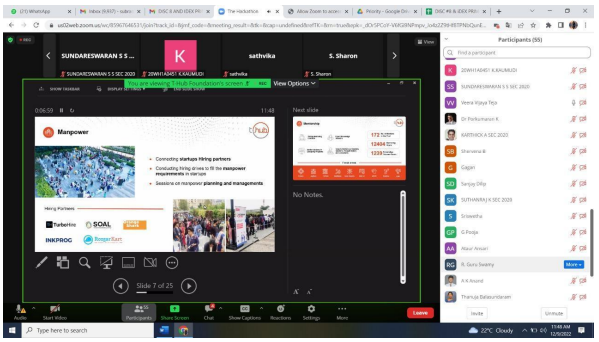
INNOVATION & INDIGENIZATION
OPPORTUNITIES IN
DEFENCE FOR MSMEs
DR. T. K. VARADARAJAN

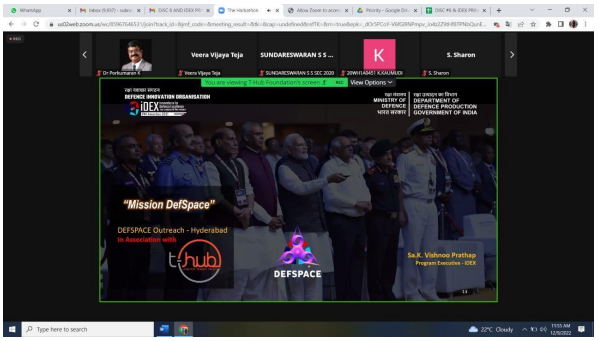

DGQA
Routes for Development
ARMY TECHNOLOGY BOARD
R&D projs by AHQ
Private Industry or Academic Institution
Two years timeline
12.5 Cr max
TECH DEVELOPMENT FUND PROJECTS
DRDO funded scheme
Private Industry or Institutions
Two years timeline
10 Cr max
iDEX
DIO –Innovation
Start-ups
SPARK Grant
One year timeline
1.5 Cr + 1.5 Cr
MAKE PROJECTS
Make-I, II & III
AIP by DDP
Suo-moto proposals
Indigenous Design & Devp
Two years timeline
DIRECT COMMERCIAL SALES
Response to RFI / RFP
Proc as per DAP
Capb Demo / NCNC
Proc by ACSFP
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 TRL LEVEL
RESEARCH & DEVP
DESIGN & DEVP
PROTOTYPE
LIMITED SERIES PRODN
MASS PRODN

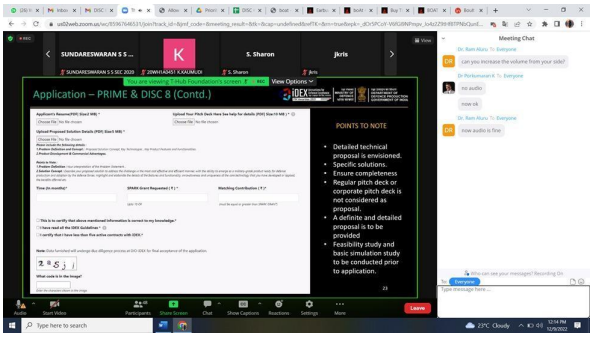
Sairam
DEFENCE INDUSTRY
CONNECT LO
INNOVATION & INDIGENIZATION
OPPORTUNITIES IN
DEFENCE FOR MSMEs
DR. T. K. VARADARAJAN

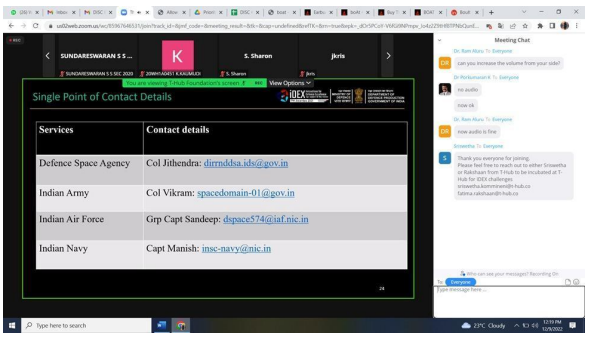
14.DISC 8 AND IDEX PRIME SPACE PARTICIPANTS ATTENDED VIRTUAL OUTREACH EVENT BY MISSION DEFENCE SPACE ON 9TH DEC 2022.



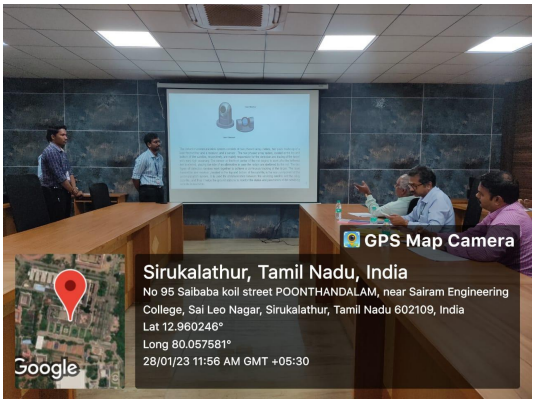


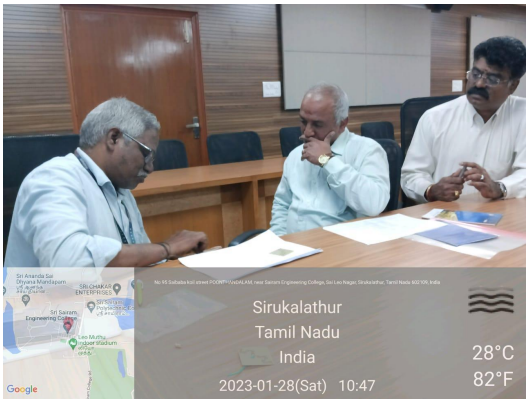


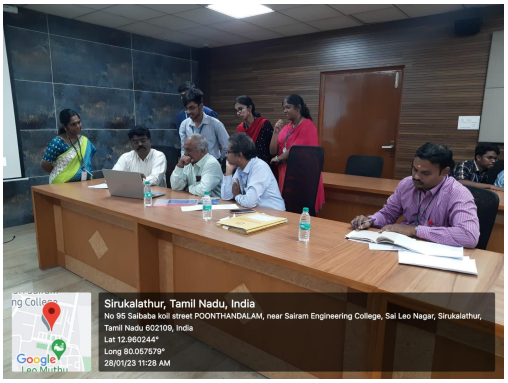




15.IDEX DISC 8 participants from Sairam had an interactive session on 28-01-2023 with Dr T. Varadharajan,Director,Directorate General of Quality assurance, Ministry of Defence to improvise their proposals.







16.DISC 8 SHORTLISTED TEAM FROM SAIRAM PRESENTED THEIR PRESENTATION TO HPSC ON 23.01.2023

17.DISC 7 winners of Sairam have been invited to the Ministry of New and Renewable energy, GoI, New Delhi and had an interactive fruitful discussion with Dr. Arun kumar Choudhary , scientist & Assistant Technical director , R and D division, Ministry of New and Renewable Energy , New Delhi to explore the emerging opportunities in Renewable energy sectors.

In addition to that, special research opportunities and paid internship programs have been planned to be conducted for the faculties and students at our institution in order to increase quality Research proposals under MNRE.

Based on interactions, we will be able to establish new projects and Centre of excellence in Renewable energy in our institution from MNRE in the near future

	SRI SAIRAM ENGINEERING COLLEGE & SRI SAI RAM INSTITUTE OF TECHNOLOGY SMART INDIA HACKATHON 2022 - 25 - 29th Aug, 2022 FINALS - AWARD WINNERS DETAILS				Total No of Teams Won : 07			
S. No.	**TEAM NAME**	**TEAM LEADER NAME/ TEAM MEMBERS**	**Gender (Male/Female)**	**OFFICIAL MAIL ID**	**COLLEGE ID**	**REG.NO**	**CONTACT NO**	**DEPT/YEAR/SEC**
		Karthik B (TL)	Male	sec19it126@sairamtap.edu.in	SEC19IT126	412519205063	7708221131	IT/III/C
		Tharunkumar K	Male	sec19it047@sairamtap.edu.in	SEC19IT047	412519205147	6374435912	IT/III/C
		Janani Priyadharshini S	Female	sec19ec080@sairamtap.edu.in	SEC19EC080	412519106053	9840590807	ECE/III/A
		Krithika B	Female	sec19ee070@sairamtap.edu.in	SEC19EE070	412519105035	8248313037	EEE/III/B
		Gowrishankar K	Male	sec19ec072@sairamtap.edu.in	SEC19EC072	412519106033	8056379601	ECE/III/A
1	**Leccy (Software)**	Jayavarshini G	Female	sec19ec032@sairamtap.edu.in	SEC19EC032	412519106057	6369902502	ECE/III/A
		R.G.SHARATH KUMAR (TL	MALE	sec19ec122@sairamtap.edu.in	SEC1`9EC122	412519106120	7010193569	ECE/III/B
		N JAYAPREETHA	FEMALE	sec19ec132@sairamtap.edu.in	SEC19EC132	412519106055	9884290404	ECE/III/B
		V.RITHIKA	FEMALE	sec19ec179@sairamtap.edu.in	SEC19EC179	412519106123	7358025179	ECE/III/B
		D.SWETHA	FEMALE	sec19ec020@sairamtap.edu.in	SEC19EC020	412519106172	9940294091	ECE/III/D
		S.ADITHYA SUBRAMANI	MALE	sec19ec059@sairamtap.edu.in	SEC19EC059	412519106004	9962621811	ECE/III/B
2	**SENTER (Software)**	K.NIVETHA	FEMALE	sec19it138@sairamtap.edu.in	SEC19IT138	412519205097	7358529729	IT/III/C
		CHARUKESHI S (TL)	FEMALE	sec20cs141@sairamtap.edu.in	SEC20CS141	412520104027	9884570235	CSE/III/B
		ADHISH S	MALE	sec20ad001@sairamtap.edu.in	SEC20AD001	412520243003	9500109149	AI DS/III/A
		ANUSHREE K	FEMALE	sec20ad010@sairamtap.edu.in	SEC20AD010	412520243007	9940061876	AI DS/III/A
		MORRVEN R	MALE	sec20ec021@sairamtap.edu.in	SEC20EC021	412520106094	8778676618	ECE/III/D
		SHREYA S	FEMALE	sec20cs009@sairamtap.edu.in	SEC20CS009	412520104140	9025613268	CSE/III/B
3	**MATRIX001 (Software)**	SUSMITHA R	FEMALE	sec20ad035@sairamtap.edu.in	SEC20AD035	412520243048	6380597638	AI DS/III/A
		M MANISH (TL)	MALE	sec20cb051@sairamtap.edu.in	SEC20CB051	412520244032	9413122969	CSBS/III/A
		AFRIN RUQAYYAH FATHI	FEMALE	sec20cb027@sairamtap.edu.in	SEC20CB027	412520244005	7010674056	CSBS/III/A
		AVANTHIKA P V	FEMALE	sec20cb050@sairamtap.edu.in	SEC20CB050	412520244008	9344343670	CSBS/III/A
		JAI VIGNESH R	MALE	sec20cb047@sairamtap.edu.in	SEC20CB047	412520244026	8825645904	CSBS/III/A
		NAVIN KUMAR M	MALE	sec20cb003@sairamtap.edu.in	SEC20CB003	412520244035	7092583650	CSBS/III/A
4	**MASTER MAGGOT (Software)**	SUJAN B	MALE	sec20cb043@sairamtap.edu.in	SEC20CB043	412520244046	8754584501	CSBS/III/A
		JEYASHRI R (TL)	FEMALE	e8ee051@sairamtap.edu.in	E8EE051	412518105030	9498371914	EEE/IV/A
		DEEPTHI SHERLY J	FEMALE	sec19cs010@sairamtap.edu.in	SEC19CS010	412519104025	7010891749	CSE/III/D
		AISHWARYAA S P	FEMALE	sec19cs128@sairamtap.edu.in	SEC19CS128	412519104004	7550269783	CSE/III/D
		DEEPAK N	MALE	sec20cb016@sairamtap.edu.in	SEC20CB016	412520244012	9384762797	CSBS/II/A

5	VISUAL SPECTACLE (Software)	ARVIND ADITHYA N	MALE	sec21it008@sairamtap.edu.in	SEC21IT008	412521205022	8870525594	IT/I/C
		ANUREGA T R	FEMALE	sec21it080@sairamtap.edu.in	SEC21IT080	412521205020	9790805325	IT/I/C
6	JARVIS-VISION (Hardware)	NIRMAL RAJA K L (TL)	MALE	sec19ec137@sairamtap.edu.in	SEC19EC137	412519106087	9176084747	ECE/IV/D
		VARUNAPRIYAN K	MALE	sec19ec117@sairamtap.edu.in	SEC19EC117	412519106182	9444035327	ECE/IV/E
		KIRTHIGA M	FEMALE	sec19ec062@sairamtap.edu.in	SEC19EC062	412519106069	9841284969	ECE/IV/A
		SUGUNESH R	MALE	sec19ee047@sairamtap.edu.in	SEC19EE047	412519105079	9500140377	EEE/IV/B
		PRABHU R	MALE	sec19it097@sairamtap.edu.in	SEC19IT097	412519205111	9445883007	IT/IV/D
		SUWATHI M G	FEMALE	sec19ee096@sairamtap.edu.in	SEC19EE096	412519105081	8667381466	EEE/IV/C
7	DOTS (Software)	Lakshmi Narayanan R(TL)	MALE	sit19cs139@sairamtap.edu.in	sit19cs139	412419104058	7299533917	CSE/IV/D
		Magesh Sundar G	MALE	sit19cs070@sairamtap.edu.in	sit19cs070	412419104063	9600150396	CSE/IV/C
		Shri Harri Priya R	FEMALE	sit19cs064@sairamtap.edu.in	sit19cs064	412419104115	8778859948	CSE/IV/B
		Manthra K S	FEMALE	sit20co007@sairamtap.edu.in	sit20co007	412420118027	8925184971	CCE/III
		Jaikrishna B	MALE	sit19cs030@sairamtap.edu.in	sit19cs030	412419104041	8825865619	CSE/IV/D
		Mukund R S	MALE	sit19cs040@sairamtap.edu.in	sit19cs040	412419104070	6369838179	CSE/IV/D

SRI SAIRAM ENGINEERING COLLEGE TRUTH LOVE PEACE CHENNAI

Principal
SRI SAIRAM ENGINEERING COLLEGE
West Tambaram, Chennai-44.

SRI SAIRAM ENGINEERING COLLEGE , TAMBARAM, CHENNAI-44

Spoken tutorial, IITB

FOSS Certificate count for Academic year 2022-23 (Department wise)

NAME OF THE COURSE	AIDS	CIVIL	CSE	CSBS	MTECH-CSE	ECE	EEE	EIE	ICE	IT	MECH	S&H	TOTAL
R - PROGRAMMING	55					323	70		15				**463**
Arduino	49		217			229	91		22	413			**1021**
C											62	1147	**1209**
Latex						179		114	27		73		**393**
PHP and MySQL	47												**47**
eSIM						203	74						**277**
PYTHON 3.4.3				95	61	196	117		51				**520**
QCAD											64		**64**
SCILAB			140			177		103	26	276			**722**
Android App using Kottin			244	53			96			330			**723**
JAVA				91	57	180							**328**
BLENDER						101	75	149					**325**
ADVANCED C						194	70						**264**
HTML			152		57		86	171					**466**
PEARL										233			**233**
LINUX				45									**45**
CSS				47	57								**104**
JAVASCRIPT				47									**47**
OPEN FOAM											**39**		
CPP											**49**		
TOTAL	**151**	**0**	**753**	**378**	**232**	**1782**	**679**	**537**	**141**	**1252**	**287**	**1147**	**7251**

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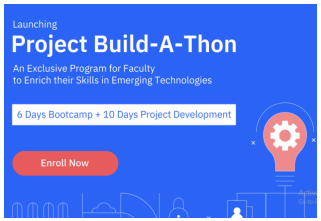
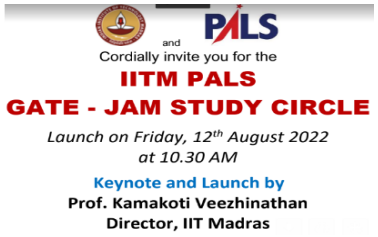
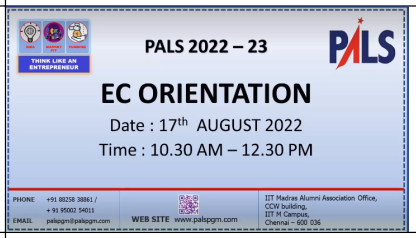
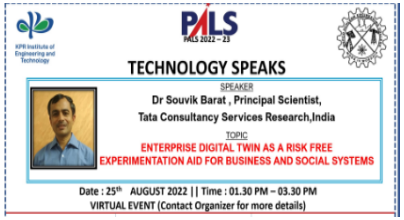
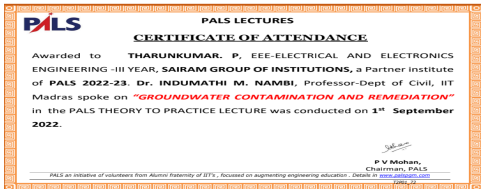
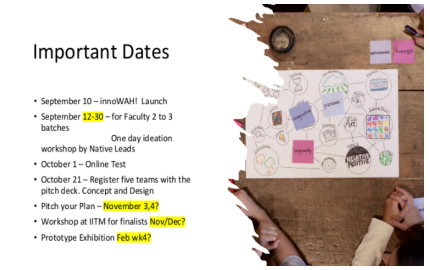
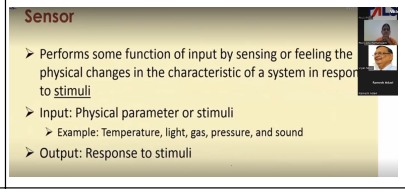
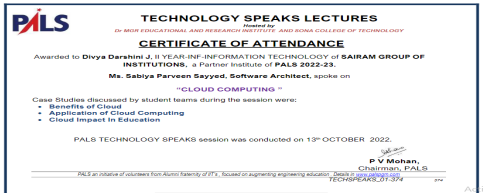
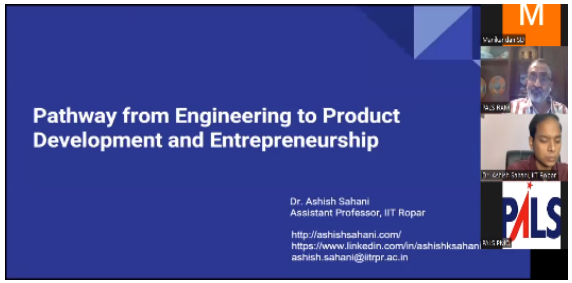
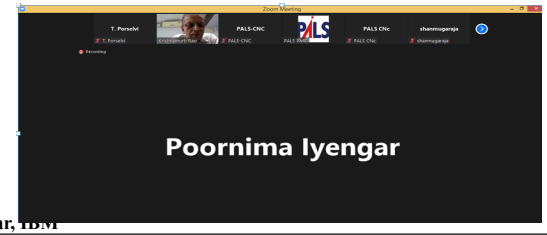
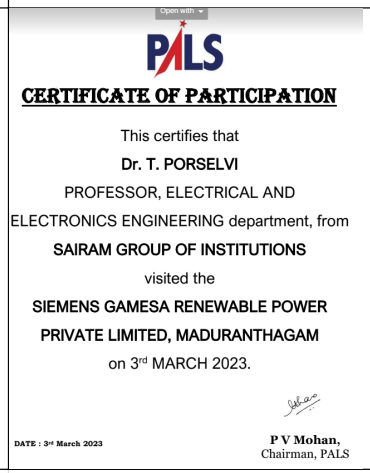
S. No	Event	Mode	Date	No of participation	Resource person	Photo
1	**Inreach Research**	**Physical Event@ IIT Research park**	**3rd June 2022**	**25**	**Prof. Shanthi Pavan, Dean Academics, IIT Madras**	
2	**Innowah Exhibition and PALS Valediction**	**IITM**	**22/6/2022**	**6 Students + 3 faculty**		
3	**INTERNSHIP WITH RuTAG**			**5**		
4	**BIG Awareness Session**		**July 28th, 2022**			
5	**Built-A-Thon, an initiative by IBM in collaboration with AICTE**		**July 19 to July 24, 2022**	**2**		

6	the launch of the IIT PALS STUDY CIRCLE for GATE/JAM in	Physical Event@ IIT Research park	August 12, 2022	39		
7	EC Orientation		August 17, 2022	3		
8	PRE PLACEMENT TALK WITH AHEESA		August 23rd			
9						
10	STUDENT LEADERSHIP PROGRAM		August 25th			
11	PALS Technology speaks		August 25			
12	Hassanur visit for RuTAG		August 29th	3		

13	PALS Technology speaks-Future techno	Online event	August 30th	10	Dr.K. Subramaniam, Senior Vice President, Product Developement, Ashok leyland	
14	Groundwater contamination and remed	both online and offline	September 1st	offline-1, online 3	Dr.Indhumadhi M Nambi, prof, Environment and water resources division, IIT madras	
15	Innowah Launch	Online event	Sep 10	90		
16	PALS VI lab	submitted	Sep 16			
17	PALS TECHNOLOGY SPEAKS	Online event	Sep 22		Padarthi Padmaja, Chief Executive Officer, Next generation 3d printer private limited, Chennai	
18	Analyze Event	Online event	Sep 28			
19	PALS SL Workshop	Online event	6thOctober 2022			
20	PALS AWARE WEBINAR SESSION ON 10th & 11th OCTOBER 2022	Online event	10th & 11th OCTOBER 2022		Ramesh Adavi	

21	TECHNOLOGY SPEAKS	Online event	13.10.22	19	Ms.SabiyaParveen Sayyed, SoftwareArchitect,	
22	ONLINE QUIZ FOR TINKATHON WORKSHOP	Online event	16/10/22 & 17/10/22	102 students participated, 6 students were selected for workshop		
23	VLAB FACULTY DEVELOPMENT PROGRAM	Online event	October 19th – October 21st 2022			
24	TECHNOLOGY SPEAKS	Online event	27th October 2022			
25	T2P	Online event	3/11/22			
26	Research Park visit	physical	5th November	30 students + 2 faculty		

27	**Hackathon**	**Online event**	**6/11/22**	**8 students**		
28	**innoWAH! PyP**	**Online event**	**10th and 11th November 2022**	**20 students, 5 faculty**		
29	**IBM Briefing sessions on Skills academy**	**Online event**	**16/11/22**		**Ms. Poornima Iyengar, IBM**	
30	**ACADEMIA LED START-UPS" on .**	**Online event**	29th Nov 2022 Tuesday, 10.00am – 11.30 am		**Prof. Sujatha Srinivasan, Department of Mechanical Engineering, IIT MADRAS**	
31	FDP	online	7/2/2023-9/2/2023	2		
32	L2M conclave	**IITM research Park**	18/2/2023	21		
33	Ind Visit for faculty	**L&T RUBBER PROCESSING MACHINERY (LTRPM) VEDAL, KANCHIPURAM**	22/2/2023	2		
34	VLAB DOMAIN SPECIFIC TRAINING		02.03.2023			

35	DEEPCYAN HACKATHON ON DRONE ENGINEERING		15.03.2023	5		
36	INDUSTRY VISIT - -	SIEMENS GAMESA	3rd MARCH 2023	5 faculty		

PALS

CERTIFICATE OF PARTICIPATION

This certifies that

Dr. T. PORSELVI

PROFESSOR, ELECTRICAL AND

ELECTRONICS ENGINEERING department, from

SAIRAM GROUP OF INSTITUTIONS

visited the

SIEMENS GAMESA RENEWABLE POWER

PRIVATE LIMITED, MADURANTHAGAM

on 3rd MARCH 2023.

DATE : 3rd March 2023

P V Mohan,
Chairman, PALS

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CHENNAI

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SWAYAM/NPTEL Toppers Course Wise in March/April 2023

Sl. No.	Course Name	No. of Toppers
1	Enhancing Soft Skills and Personality	2
2	Introduction To Environmental Engineering & Science	10
3	Database system	16
4	Computer network and Internet protocol	34
5	Cloud computing	83
6	Communication Networks	1
7	Evolution Of Air Interface Towards 5G	1
8	Deep Learning	1
9	Optical Wireless Communications for Beyond 5G Networks and IoT	1
10	Design, Technology and Innovation	1
11	Roadmap for patent creation	1
12	Patent Drafting for Beginners	1
	Total No. of Toppers	**152**

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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Students)

Topper of 1% in this course

Sl.No.	Name of the Student	ID No.	Course Name	Final Score	Certificate Category
1	AAFREEN SANA H	sec20cs052@sairamtap.edu.in	Cloud Computing	94	Elite + Gold
2	GOKULA MADHAVAN B	sec20it093@sairamtap.edu.in	Cloud Computing	91	Elite + Gold
3	ROSHINI REDDY M	sec20cs091@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
4	NITHYA SREE G B	sec20it133@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
5	ABISHEK K	sec20cs041@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
6	HARISH PS	sec20cs033@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
7	V D S RAMA NANDITHA	sec20cs094@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
8	NIRANJAN KUMAR S K	sec20cs101@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
9	SHREYA S	sec20cs009@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
10	BHARGAVAN S	sec20cs004@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
11	FAIZAL AHAMED I M	sec20cs025@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
12	MAGESH K	sec20cs121@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
13	JAYANTH M	sec20cs134@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
14	RAVINDHARAN	sec20cs140@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
15	HASHIKA S	sec20it031@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
16	BUGATHA VENKATA RISHITHA	sec20cs049@sairamtap.edu.in	Cloud Computing	87	Elite + Silver
17	NAVIN A	sec20cs017@sairamtap.edu.in	Cloud Computing	87	Elite + Silver
18	E V DHIYANESH	sec20cs020@sairamtap.edu.in	Cloud Computing	86	Elite + Silver
19	LOKESH R	sec20it007@sairamtap.edu.in	Cloud Computing	86	Elite + Silver
20	NISHANTH S PRADEEP	sec21ec043@sairamtap.edu.in	Introduction To Environmental Engineering & Science	85	Elite + Silver
21	SRINITHIN S B	sec20ec086@sairamtap.edu.in	Computer Networks And Internet Protocol	85	Elite + Silver
22	DHARSHINI P N	sec20ec090@sairamtap.edu.in	Computer Networks And Internet Protocol	84	Elite + Silver

23	MAGESH V	sec20ee039@sairamtap.edu.in	Computer Networks And Internet Protocol	84	Elite + Silver
24	MANISH M	sec21ec187@sairamtap.edu.in	Introduction To Environmental Engineering And Science	80	Elite + Silver

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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Students)

Topper of 2% in this course

Sl.No.	Name of the Student	ID No.	Course Name	Final Score	Certificate Category
1	PHILIP THOM GEORGE	sec21ic023@sairamtap.edu.in	Enhancing Soft Skills and Personality	88	Elite + Silver
2	DEEPAK RISHI G	sec20cs070@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
3	SRUTHI R	sec20cs047@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
4	SRINITHI S	sec20it013@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
5	PRIYADHARSHAN M	sec20it043@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
6	VARUN S T	sec20it128@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
7	VAISHNAVI S	sec20it001@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
8	DESIGAN M	sec20cs032@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
9	PRAVIN KUMAR P	sec20it076@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
10	ADNAN MOHAMED	sec20cs008@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
11	ASWATI HARIKUMAR	sec20cs031@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
12	MOHAMMED INAMUL HASSAN M	sec20it022@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
13	HARITHA S	sec20it081@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
14	KOTTEESWARAN	sec20it042@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
15	HARSHITHA M	sec20cs005@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
16	CIBI C	cibichandran2305@gmail.com	Cloud Computing	84	Elite + Silver
17	GAYATHRI M	sec20cs023@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
18	KAMALESHKUMAR KUMARESAN	sec20cs045@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
19	SIVAKUMARAN N	sec20cs167@sairamtap.edu.in	Cloud Computing	84	Elite + Silver

20	KISHORE P	sec20ec015@sairamtap.edu.in	Computer Networks And Internet Protocol	83	Elite + Silver
21	THENNILAA V S	sec20it009@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
22	KIRTHIKA H	sec20cs086@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
23	G DEEPIKA	sec20it005@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
24	PRIYANKA MALAR G P	sec20it010@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
25	JAYASHAKTHI R	sec20it028@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
26	LUXI SHANU C G	sec20cs044@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
27	PRIYAVARSHINI M	sec20cs021@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
28	DEEPA R	sec20it015@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
29	HARSHINI M	sec20cs118@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
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32	JENITA JEBARAJ	sec21ec079@sairamtap.edu.in	Introduction To Environmental Engineering And Science	79	Elite + Silver
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34	LAKSHMAN ARUN S	sec21ec113@sairamtap.edu.in	Introduction To Environmental Engineering And Science	77	Elite + Silver
35	JOEL STELTON M	joelstelton9604@gmail.com	Introduction to Database Systems	76	Elite + Silver
36	HEMAA C	sec21cs129@sairamtap.edu.in	Introduction to Database Systems	75	Elite + Silver

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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Students)

Topper of 5% in this course

Sl.No.	Name of the Student	ID No.	Course Name	Final Score	Certificate Category
1	R ADHITYA NARAYANAN	sec21ic018@sairamtap.edu.in	Enhancing Soft Skills and Personality	85	Elite + Silver
2	MOHAMED AMEEN M	sec20ec203@sairamtap.edu.in	Design, Technology and Innovation	83	Elite + Silver
3	AKILAANDESWARI K	sec20cs029@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
4	KANGO SAI TEJASWI	sec20cs010@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
5	SHIVANI T S	sec20cs129@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
6	ADITHYA HARISH IYER	sec20cs145@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
7	SAMYUKTHAA V N	sec20it138@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
8	SUDARSHAN K	sec20cs026@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
9	G KEERTHESHWARAN	sec20cs175@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
10	UDHAYA VANI P	sec20it070@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
11	KARAN K V	sec20it078@sairamtap.edu.in	Cloud Computing	81	Elite + Silver
12	JAYA PRAKASH K	sec20cs068@sairamtap.edu.in	Cloud Computing	81	Elite + Silver
13	SHABIKA FATHIMA M	sec20it074@sairamtap.edu.in	Cloud Computing	81	Elite + Silver
14	BHARSHINI V	sec20it077@sairamtap.edu.in	Cloud Computing	81	Elite + Silver
15	DHIYA PRAJITH	sec20it149@sairamtap.edu.in	Cloud Computing	81	Elite + Silver
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17	SACHIN K	sec20cs084@sairamtap.edu.in	Cloud Computing	81	Elite + Silver
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38	ABDUL KALAM K U A	sec20it136@sairamtap.edu.in	Cloud Computing	79	Elite + Silver
39	ADHITHYA MADHAVAN	sec20cs117@sairamtap.edu.in	Cloud Computing	79	Elite + Silver
40	R VISHAL AMRITH	sec20it110@sairamtap.edu.in	Cloud Computing	79	Elite + Silver
41	MANNURU SUSHMA	sec20it154@sairamtap.edu.in	Cloud Computing	79	Elite + Silver
42	RASHMI R	sec20cs149@sairamtap.edu.in	Cloud Computing	79	Elite + Silver
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47	SUVARNA LAKSHMI S	sec20ec178@sairamtap.edu.in	Computer Networks And Internet Protocol	78	Elite + Silver
48	ASHWINI R G	sec20ec040@sairamtap.edu.in	Computer Networks And Internet Protocol	78	Elite + Silver
49	HARIHARASUDHAN S M	sec20ec088@sairamtap.edu.in	Computer Networks And Internet Protocol	78	Elite + Silver
50	PRAVIN KUMAR S	sec20ec108@sairamtap.edu.in	Computer Networks And Internet Protocol	78	Elite + Silver
51	SREE LAKSHMI G	sec20cb028@sairamtap.edu.in	Computer Networks And Internet Protocol	77	Elite + Silver

52	DINESH KUMAR R	sec20ec043@sairamtap.edu.in	Computer Networks And Internet Protocol	77	Elite + Silver
53	YUVARAJ N	sec20ee016@sairamtap.edu.in	Computer Networks And Internet Protocol	77	Elite + Silver
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83	THARUN RAJ R G	tharunraj2262004@gmail.com	Introduction to Database Systems	69	Elite

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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Faculty)

Sl.No.	Name of the Faculty	ID No.	Course Name	Final Score	Certificate Category
1	B RAJALAKSHMI	rajalakshmib.ece@sairam.edu.in	Computer Networks And Internet Protocol	90	Elite+gold (1%)
2	G SUDHA	sudhaganesh74@gmail.com	Communication Networks	90	Elite+gold (1%)
3	LAKSHMI JOSHITHA K	lakshmi.ece@sairam.edu.in	Evolution Of Air Interface Towards 5G	82	Elite+Silver (2%)
4	M JENATH	jenath.ece@sairam.edu.in	Computer Networks And Internet Protocol	82	Elite+Silver (2%)
5	G SUDHA	sudhaganesh74@gmail.com	Roadmap for patent creation	87	Elite+Silver (2%)
6	V R KANAGAVALLI	kanagavalli.math@sairam.edu.in	Deep Learning	75	Elite+Silver (5%)
7	SHABANA PARVEEN M	shabana.ece@sairam.edu.in	Computer Networks And Internet Protocol	79	Elite+Silver (5%)
8	KJEYAPIRIYA	priyainchrist@gmail.com	Optical Wireless Communications for Beyond 5G Networks and IoT	86	Elite+Silver (5%)
9	G SUDHA	sudhaganesh74@gmail.com	Patent Drafting for Beginners	86	Elite+Silver (5%)

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SWAYAM/NPTEL Elite+Gold Certified Candidates in March/April 2023

Sl.No.	Name of the candidates	ID No.	Course Name	Final Score
1	SRUTHI S	sec20ei003@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	96
2	Priya L	sec20ei060@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	92
3	RAKESH S	sec20ei017@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	91
4	MARIYAM THOMAS	sec20ei041@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	91
5	SANTHOSHKUMAR B	sec20ei016@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	91
6	Prashithaa N	sec20ei054@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	91
7	MAHALAKSHMI P	sec20ei009@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	90
8	KIRUBHAHARAN S	sec20ei056@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	90
9	THIRUPURA SUNDARI K	thirupurasundari.ei@sairam.edu.in	Fuzzy Sets, Logic and Systems & Applications	90
10	SENTHIL KUMAR R	senthilkumar.mech@sairam.edu.in	Education for Sustainable Development	90

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SSEC-NPTEL Result April'2023

Sl. No.	Course Name	Dept.	Students					Faculty					Toppers
			Appeared	Cleared	Failed	%	Absentees	Appeared	Cleared	Failed	%	Absentees	
1	Fuzzy Sets, Logic and Systems & Applications	EIE	32	31	1	96.88		3	3	0	100	1	
2	Foundations of Cryptography	AIDS	27	4	23	14.81		1	0	1	0		
3	Global Marketing Management	MBA	17	10	7	58.82	1						
4	Integrated Marketing Communication	MBA	5	5	0	100							
5	Basic construction materials	CIV	23	14	9	60.87	2						
6	Enhancing Soft Skills and Personality	ICE	28	27	1	96.43	1						2
7	Air Pollution and Control*	ICE,CIV	50	40	10	80							
8	CIM	MECH	56	55	1	98.21	1	2	2	0	100		
9	EVS*	ECE, CIV	279	255	24	91.4		1	1	0	100	1	10
10	Non-conventional energy Resources*	MECH, EIE	154	16	138	10.39		5	2	3	40	1	
11	Database system*	CSBS, CJ CSE, ,IT	494	380	114	76.92		5	5	0	100		16

12	Computer network and Internet protocol*	ECE, EEE	347	323	24	93.08	1	10	9	1	90	3	34
13	Ethical Hacking*	AIDS	34	17	17	50		1	0	1	0		
14	Cloud computing*	CSE, IT,	344	338	6	98.26		3	3	0	100		83
15	Electrical Machines - II	EEE	109	2	107	1.83	2	1	0	1	0	1	
16	Material Characterization	PRO											
17	Business Development: From Start to Scale	MBA	9	9	0	100							
18	Business Statistics	MBA	5	1	4	20							
19	German I	MBA	62	24	38	38.71							
20	e-Business	MBA	23	18	5	78.26							
21	Financial accounting	MBA	18	15	3	83.33	1						
22	Others		68	42	26	61.76	14	36	34	2	94.44	6	4
	Total		**2184**	**1626**	**558**	**74.45**	**22**	**68**	**59**	**9**	**86.77**	**13**	149

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Air Pollution and Control*	ICE=28/32	CIV= 12/18				
EVS*	CIV=32/40	ECE=223/239				
Non-conventional energy Resources*	EIE=4/32	MECH = 12/122				
Database system*	CJ=42/56	CSBS=35/52	CSE= 153/187	IT=144/190	OTHERS =5/5	
Compter network and Internet protocal*	CSBS=45/47	ECE= 194/202	EEE= 81/96	OTHERS=3/3		
Cloud computing*	IT= 160/161	CSE= 170/175	OTHERS=8/8			

Ethical Hacking*	AIDS=12/25	others=5/10				

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SSEC-NPTEL Result April'2023

Course Name	Dept.	Certificate category				
		Elite+Gold	Elite+Silver	Elite	Successfully completed	Total
Fuzzy Sets, Logic and Systems & Applications	EIE	9	12	10	3	**34**
Foundations of Cryptography	AIDS				4	**4**
Global Marketing Management	MBA			6	4	**10**
Integrated Marketing Communication	MBA			3	2	**5**
Basic construction materials	CIV			11	3	**14**

Enhancing Soft Skills and Personality	ICE		11	11	5	**27**
Air Pollution and Control*	ICE,CIV		5	25	10	**40**
CIM	MECH		37	17	3	**57**
EVS*	ECE, CIV		10	143	103	**256**
Non-conventional energy Resources*	MECH, EIE		1	8	9	**18**
Database system*	CSBS,CSE,CJ,IT		2	94	289	**385**
Computer network and Internet protocol*	ECE, EEE	1	47	226	58	**332**
Ethical Hacking*	AIDS		2	5	10	**17**
Cloud computing*	CSE, IT,	8	152	150	31	**341**
Electrical Machines - II	EEE			1	1	**2**
Material Characterization	PRO					
Business Development: From Start to Scale	MBA		1	7	1	**9**
Business Statistics	MBA				1	**1**
German I	MBA			1	23	**24**
e-Business	MBA		7	11		**18**
Financial accounting	MBA		1	8	6	**15**
Others		2	17	31	26	**76**

Total		**20**	**305**	**768**	**592**	**1685**
to be published	8					

NPTEL Result analysis of March 2023 exam

	Absent	Elite+Gold	Elite+Silver	Elite	Successfully completed	No certificate	Topper	Total
Student	31		3	16	14	23	1	**87**
Faculty	8		3	10	5	1	2	**27**
	39	0	6	26	19	24	3	**114**

Principal
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